

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptasxml624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	3	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	4	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	5	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	6	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	7	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	8	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	9	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	10	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	11	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	12	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	13	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	14	JUL 28	STN Viewer performance improved
NEWS	15	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	16	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	17	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	18	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	19	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	20	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	21	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	22	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	23	SEP 29	IFICLS enhanced with new super search field
NEWS	24	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	25	SEP 30	CAS patent coverage enhanced to include exemplified

prophetic substances identified in new Japanese-language patents  
 NEWS 26 OCT 07 EPFULL enhanced with full implementation of EPC2000  
 NEWS 27 OCT 07 Multiple databases enhanced for more flexible patent number searching  
 NEWS 28 OCT 22 Current-awareness alert (SDI) setup and editing enhanced  
 NEWS 29 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
 AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:19:20 ON 23 OCT 2008

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:19:41 ON 23 OCT 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 OCT 2008 HIGHEST RN 1064721-02-3

DICTIONARY FILE UPDATES: 22 OCT 2008 HIGHEST RN 1064721-02-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

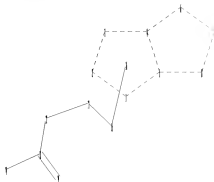
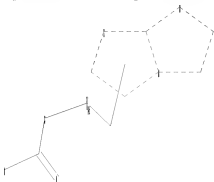
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

10590399

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10590399.str



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chain nodes :
11 12 13 14 15 19
ring nodes :
1 2 3 4 5 6 7 8
chain bonds :
11-12 11-15 12-13 13-14 13-19
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8 11-12 12-13 13-14 13-19
exact bonds :
11-15
```

G1:H,Cy,Ak

G2:H,X,Cy,Ak,CN,NO2,O,C

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS

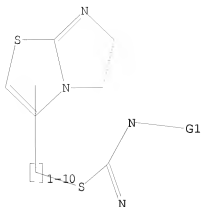
L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

10590399



G1 H, Cy, Ak

G2 H, X, Cy, Ak, CN, NO2, O, C

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sam

SAMPLE SEARCH INITIATED 12:20:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 6 TO 266

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

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FULL SCREEN SEARCH COMPLETED - 101 TO ITERATE

100.0% PROCESSED 101 ITERATIONS

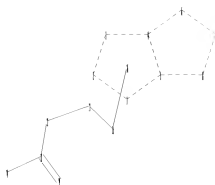
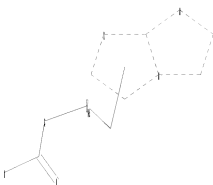
0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10590399.str



```

chain nodes :
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ring nodes :
1 2 3 4 5 6 7 8
chain bonds :
11-12 11-15 12-13 13-14 13-19
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8 11-12 12-13 13-14 13-19
exact bonds :
11-15

```

G1:H,Cy,Ak

G2:H,X,Cy,Ak,CN,NO2,O,C

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS

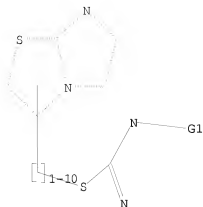
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=> d

L4 HAS NO ANSWERS

L4 STR

10590399



G1 H, Cy, Ak

G2 H, X, Cy, Ak, CN, NO2, O, C

Structure attributes must be viewed using STN Express query preparation.

=> s 14 sam

SAMPLE SEARCH INITIATED 12:21:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED                      6 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

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PROJECTED ITERATIONS:          6 TO          266

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PROJECTED ANSWERS: 0 TO 0

L5                      0 SEA SSS SAM L4

=> s 14 ful

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FULL SCREEN SEARCH COMPLETED - 101 TO ITERATE

100.0% PROCESSED      101 ITERATIONS

0 ANSWERS

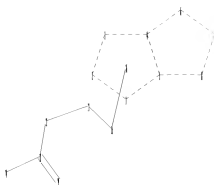
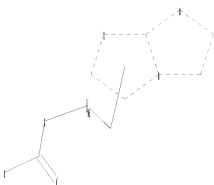
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4

 $\Rightarrow$ 

Uploading C:\Program Files\Stnexp\Queries\10590399.str

10590399



```
chain nodes :  
11 12 13 14 15 19  
ring nodes :  
1 2 3 4 5 6 7 8  
chain bonds :  
11-12 11-15 12-13 13-14 13-19  
ring bonds :  
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8  
exact/norm bonds :  
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8 11-12 12-13 13-14 13-19  
exact bonds :  
11-15
```

G1:H,Cy,Ak

G2:H,X,Cy,Ak,CN,NO2,O,C

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR

10590399



G1 H, Cy, Ak

G2 H, X, Cy, Ak, CN, NO2, O, C

Structure attributes must be viewed using STN Express query preparation.

=> s l7 sam

SAMPLE SEARCH INITIATED 12:23:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 6 TO 266  
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s l7 ful

FULL SEARCH INITIATED 12:23:14 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 101 TO ITERATE

100.0% PROCESSED 101 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

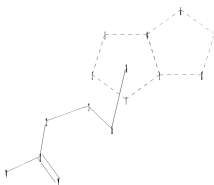
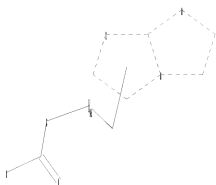
L9 0 SEA SSS FUL L7

=>

Uploading C:\Program Files\Stnexp\Queries\10590399.str



10590399



```
chain nodes :  
11 12 13 14 15 19  
ring nodes :  
1 2 3 4 5 6 7 8  
chain bonds :  
11-12 11-15 12-13 13-14 13-19  
ring bonds :  
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8  
exact/norm bonds :  
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8 11-12 12-13 13-14 13-19  
exact bonds :  
11-15
```

G1:H,Cy,Ak

G2:H,X,Cy,Ak,CN,NO2,O,C

Match level :

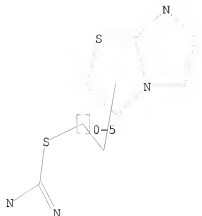
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS

L10 STRUCTURE UPLOADED

=> d

L10 HAS NO ANSWERS

L10 STR



G1 H, Cy, Ak

G2 H, X, Cy, Ak, CN, NO2, O, C

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l10

SAMPLE SEARCH INITIATED 12:25:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 6 TO 266

PROJECTED ANSWERS: 1 TO 80

L11 1 SEA SSS SAM L10

=&gt; s l10 ful

FULL SEARCH INITIATED 12:25:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 101 TO ITERATE

100.0% PROCESSED 101 ITERATIONS

25 ANSWERS

SEARCH TIME: 00.00.01

L12 25 SEA SSS FUL L10

=&gt; fil capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

716.20

716.41

FILE 'CAPLUS' ENTERED AT 12:25:42 ON 23 OCT 2008

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FILE COVERS 1907 - 23 Oct 2008 VOL 149 ISS 17  
FILE LAST UPDATED: 22 Oct 2008 (20081022/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l12

L13            2 L12

=> d l13 ibib hitstr abs 1-2

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:201770 CAPLUS

DOCUMENT NUMBER: 146:244313

TITLE: CXCR4 binding molecules in treatment of WHIM syndrome

INVENTOR(S): Kovarik, Jiri; Thoma, Gebhard; Weidmann, Beat; Wright,

Timothy; Zerwes, Hans-Guenter

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.

SOURCE: PCT Int. Appl., 22pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

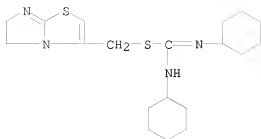
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

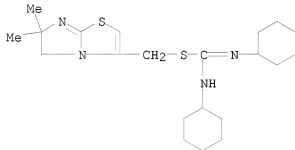
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007022385	A2	20070222	WO 2006-US32192	20060817
WO 2007022385	A3	20071101		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
EP 1924260	A2	20080528	EP 2006-801766	20060817
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			
US 20080234294	A1	20080925	US 2008-64068	20080218
PRIORITY APPLN. INFO.:			US 2005-709399P	P 20050818
			WO 2006-US32192	W 20060817
OTHER SOURCE(S):	MARPAT 146:244313			
IT	864677-52-1 864677-55-4 864677-62-3			
	864677-63-4 864677-67-8 864677-68-9			
	864677-69-0 864677-76-9			
RL:	PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
	(CXCR4 binding mols. in treatment of WHIM syndrome)			
RN	864677-52-1 CAPLUS			
CN	Carbamimidothioic acid, N,N'-dicyclohexyl-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)			

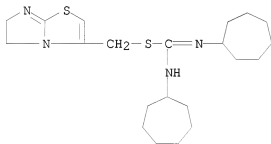
10590399



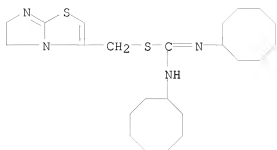
RN 864677-55-4 CAPLUS  
CN Carbamimidothioic acid, N,N'-dicyclohexyl-,  
(5,6-dihydro-6,6-dimethylimidazo[2,1-b]thiazol-3-yl)methyl ester (CA  
INDEX NAME)



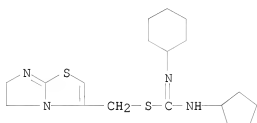
RN 864677-62-3 CAPLUS  
CN Carbamimidothioic acid, N,N'-dicycloheptyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



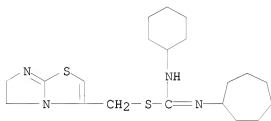
RN 864677-63-4 CAPLUS  
CN Carbamimidothioic acid, N,N'-dicyclooctyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



RN 864677-67-8 CAPLUS

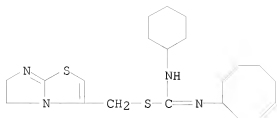
CN Carbamimidodithioic acid, N-cyclohexyl-N'-cyclopentyl-,  
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RN 864677-68-9 CAPLUS

CN Carbamimidodithioic acid, N-cycloheptyl-N'-cyclohexyl-,  
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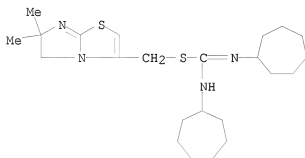
RN 864677-69-0 CAPLUS

CN Carbamimidodithioic acid, N-cyclohexyl-N'-cyclooctyl-,  
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RN 864677-76-9 CAPLUS

CN Carbamimidothioic acid, N,N'-dicycloheptyl-,  
(5,6-dihydro-6,6-dimethylimidazo[2,1-b]thiazol-3-yl)methyl ester (CA  
INDEX NAME)



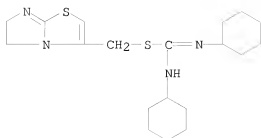
AB This invention relates to the use of a CXCR-binding mols. as described in  
the specification, in Warts-Hypogammaglobulinemia-Immunodeficiency-  
Myelokathexis (WHIM) syndrome.

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:1004725 CAPLUS  
 DOCUMENT NUMBER: 143:306301  
 TITLE: Preparation of thiazolyl isothiourea derivatives as CXCR4 antagonists  
 INVENTOR(S): Glickman, Fraser; Streiff, Markus; Thoma, Gebhard; Zerwes, Hans-Guenter  
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.  
 SOURCE: PCT Int. Appl., 34 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005085219	A1	20050915	WO 2005-EP2014	20050225
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2005219531	A1	20050915	AU 2005-219531	20050225
CA 2556386	A1	20050915	CA 2005-2556386	20050225
EP 1720845	A1	20061115	EP 2005-715554	20050225
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 1922158	A	20070228	CN 2005-80006094	20050225
JP 2007523941	T	20070823	JP 2007-500168	20050225
MX 2006PA09696	A	20061120	MX 2006-PA9696	20060825
IN 2006CN03099	A	20070608	IN 2006-CN3099	20060825
US 20070161618	A1	20070712	US 2006-590399	20060926
PRIORITY APPLN. INFO.:			GB 2004-4434	A 20040227
			WO 2005-EP2014	W 20050225
OTHER SOURCE(S):	CASREACT 143:306301; MARPAT 143:306301			
IT 864677-52-1P	864677-55-4P	864677-56-5P		
864677-58-7P	864677-59-8P	864677-60-1P		
864677-61-2P	864677-62-3P	864677-63-4P		
864677-64-5P	864677-65-6P	864677-66-7P		
864677-67-8P	864677-68-9P	864677-69-0P		
864677-70-3P	864677-71-4P	864677-72-5P		
864677-73-6P	864677-74-7P	864677-75-8P		
864677-76-9P	864677-79-2P			
RL:	PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
	(preparation of thiazolyl isothiourea derivs. as CXCR4 antagonists)			
RN 864677-52-1	CAPLUS			
CN	Carbamimidothioic acid, N,N'-dicyclohexyl-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)			

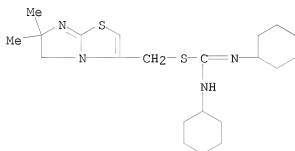


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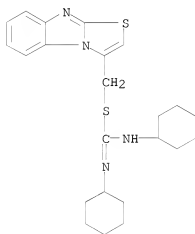
RN 864677-55-4 CAPLUS

CN Carbamimidodithioic acid, N,N'-dicyclohexyl-,  
(5,6-dihydro-6,6-dimethylimidazo[2,1-b]thiazol-3-yl)methyl ester (CA  
INDEX NAME)



RN 864677-56-5 CAPLUS

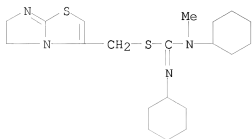
CN Carbamimidodithioic acid, N,N'-dicyclohexyl-,  
thiazolo[3,2-a]benzimidazol-3-ylmethyl ester (CA INDEX NAME)



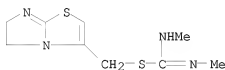
RN 864677-58-7 CAPLUS

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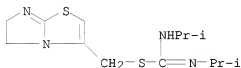
CN Carbamimidothioic acid, N,N'-dicyclohexyl-N-methyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



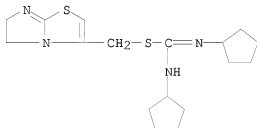
RN 864677-59-8 CAPLUS  
CN Carbamimidothioic acid, N,N'-dimethyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



RN 864677-60-1 CAPLUS  
CN Carbamimidothioic acid, N,N'-bis(1-methylethyl)-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

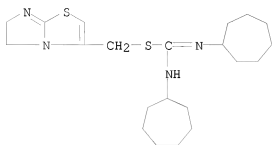


RN 864677-61-2 CAPLUS  
CN Carbamimidothioic acid, N,N'-dicyclopentyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

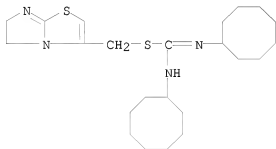


RN 864677-62-3 CAPLUS

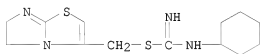
CN Carbamimidothioic acid, N,N'-dicycloheptyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



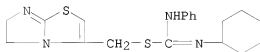
RN 864677-63-4 CAPLUS  
CN Carbamimidothioic acid, N,N'-dicyclooctyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



RN 864677-64-5 CAPLUS  
CN Carbamimidothioic acid, cyclohexyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (9CI) (CA INDEX NAME)

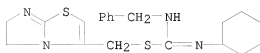


RN 864677-65-6 CAPLUS  
CN Carbamimidothioic acid, N-cyclohexyl-N'-phenyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

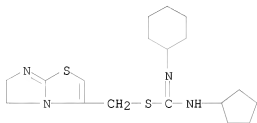


RN 864677-66-7 CAPLUS  
CN Carbamimidothioic acid, N-cyclohexyl-N'-(phenylmethyl)-,

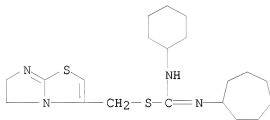
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



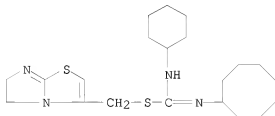
RN 864677-67-8 CAPLUS

CN Carbamimidodithioic acid, N-cyclohexyl-N'-cyclopentyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

RN 864677-68-9 CAPLUS

CN Carbamimidodithioic acid, N-cycloheptyl-N'-cyclohexyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

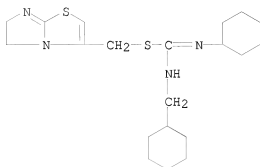
RN 864677-69-0 CAPLUS

CN Carbamimidodithioic acid, N-cyclohexyl-N'-cyclooctyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

RN 864677-70-3 CAPLUS

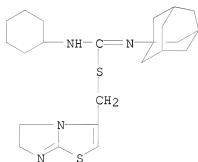
CN Carbamimidodithioic acid, N-cyclohexyl-N'-(cyclohexylmethyl)-,

(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



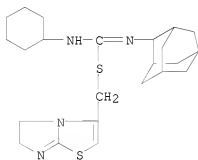
RN 864677-71-4 CAPLUS

CN Carbamimidothioic acid, N-cyclohexyl-N'-tricyclo[3.3.1.1.3,7]dec-1-yl-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



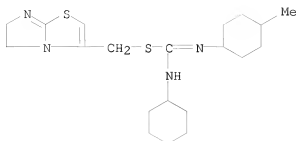
RN 864677-72-5 CAPLUS

CN Carbamimidothioic acid, N-cyclohexyl-N'-tricyclo[3.3.1.1.3,7]dec-2-yl-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

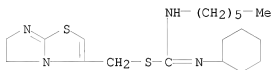


RN 864677-73-6 CAPLUS

CN Carbamimidothioic acid, N-cyclohexyl-N'-(4-methylcyclohexyl)-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)



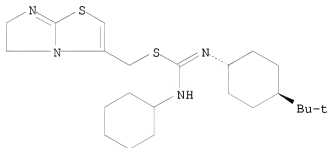
RN 864677-74-7 CAPLUS

CN Carbamimidothioic acid, N-cyclohexyl-N'-hexyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester (CA INDEX NAME)

RN 864677-75-8 CAPLUS

CN Carbamimidothioic acid, N-cyclohexyl-N'-[trans-4-(1,1-  
dimethylethyl)cyclohexyl]-, (5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl  
ester (CA INDEX NAME)

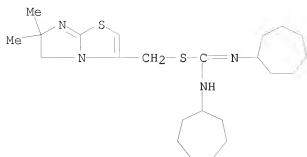
Relative stereochemistry.



RN 864677-76-9 CAPLUS

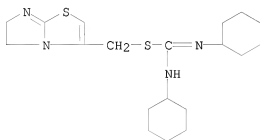
CN Carbamimidothioic acid, N,N'-dicycloheptyl-,  
(5,6-dihydro-6,6-dimethylimidazo[2,1-b]thiazol-3-yl)methyl ester (CA  
INDEX NAME)

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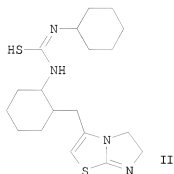
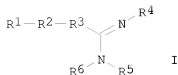
RN 864677-79-2 CAPLUS

CN Carbamimidodithioic acid, N,N'-dicyclohexyl-,  
(5,6-dihydroimidazo[2,1-b]thiazol-3-yl)methyl ester, dihydrochloride (9CI)  
(CA INDEX NAME)



● 2 HCl

GI



AB Title compds. I [R1 = (un)substituted pyrrolidine or pyrimidinyl pyrrolidine; R2 = CO or (CR7R8)1-3; R3 = S, O or NR9; R4 and R5 independently = (un)substituted cycloalkyl, alkyl, aryl, etc.; R6 = H, alkyl, cycloalkyl, etc.; R7 and R8 independently = H, F, Cl, etc.; R9 = H, alkoxyalkyl, haloalkyl, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as antagonists of CXCR4. Thus, e.g., II was prepared by coupling of N,N'-dicyclohexyl thiourea with 3-chloromethyl-5,6-dihydroimidazo[2,1-b]thiazole. The activity of I was evaluated in a CXCR4 membrane binding assay and it was revealed that compds. of the invention displayed an IC50 value of <50  $\mu$ M. I as antagonist of CXCR4 should prove useful in the treatment of transplant rejection, inflammatory diseases and infectious diseases, in particular progression of AIDS. Pharmaceutical compns. comprising I are disclosed.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



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=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	11.38	727.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60
STN INTERNATIONAL LOGOFF AT 12:26:26 ON 23 OCT 2008		